CLAIMS

1. A composition of matter comprising a structure:

wherein X and Z are each group 15 atoms, R_1 and R_2 are each a hydrogen atom or group 14 atom-containing species and A is

$$L_1-Y_1-L_2$$

wherein Y_1 is a group 16 atom, and L_1 and L_2 include at least one group 14 atom bonded to Y_1 .